MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNVERSTY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY 1952

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

FEBRUARY 1952
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	60.9	60.1	60.2	60.4	19.0	14.9	16.2	16.1	15.8	16.0
2	58.1	55.4	53.2	55.6	18.8	13.7	17.9	16.9	16.0	16.9
3	32.7	51.8	53.2	52.6	17.0	11.2	15.0	16.1	15.6	15.6
4	57.0	57.8	58.7	57.8	16.9	11.7	14.2	16.0	14.9	15.0
5	60.8	61.5	63.0	61.8	18.2	11.7	16.7	17.6	14.4	16.2
6	63.4	63.2	61.7	62.8	18.5	13.9	14.6	18.7	16.6	16.6
7	61.7	61.2	61.9	61.6	19.6	13.5	16.3	19.3	16.3	17.1
8	57.8	56.2	60.5	58.1	23.1	10.0	16.4	20.0	14.4	16.9
9	60.1	61.0	60.9	60.6	20.2	10.6	11.7	15.1	14.4	13.7
10	61.4	59.2	59.1	59.9	16.3	9.4	13.2	15.7	13.3	14.1
11	55.5	56 2	57.1	56 3	13.0	7.6	11.9	11.1	10.3	11.1
12	62.5	64.3	65.8	64.2	11.7	7.2	9 6	11.2	9.6	10.1
13	67.7	67.3	67.6	67.5	15.3	10.1	10.9	15.0	11.9	12.6
14	67.3	66.1	66.2	66.5	16.8	10.7	13.6	16.4	13.2	14.4
15	64.5	63.0	63.3	63.6	16.8	11.1	13.2	16.5	14.4	14.7
16	63.8	61.8	62.2	62.6	17.3	11.5	13.6	16.7	14.7	15.0
17	62 6	62.5	62 8	62.6	18.5	11.7	14.4	17.0	14.4	15.3
18	61.9	60.2	59.5	60.6	20.6	13.6	14.4	19.2	16.2	16.6
19	61.4	60.8	61.1	61.1	18.0	12.2	15.4	16.9	14.8	15.7
20	57.9	55.4	56.5	56.4	17.6	11.9	15.0	16.7	15.2	15.6
21	56.6	55.9	54.5	55.7	17.1	9.4	14.3	17.2	14.3	15.3
22	51.0	51.4	56.3	52.8	13.5	9.7	10.3	10.7	12.2	11.1
23	63.0	63.0	63.8	63.3	16.4	9.4	12.2	15.7	11.9	13.3
24	64.6	64.3	64.7	64.5	16.3	10.3	10.6	15.8	12.1	12.8
25	65.1	64.2	64.6	64.6	17.4	11.2	13.7	16.0	13.6	14.4
26	64.4	63.4	63.5	63.8	18.0	10.9	13.0	17.6	13.6	14.7
27	62.4	61.4	61.2	61.7	17.5	11.7	14.1	14.9	13.4	14.1
28	58.7	59.0	57.5	58.4	16.8	12.5	13.9	16.5	13.9	14.8
29	57.3	56.8	57.6	57.2	17.8	12.1	16.4	16.3	14.8	15.8
30										
31										
	60.76	60.15	60.61	60.50	17.37	11.22	13.88	16.16	14.00	14.67

Barometer, range for month 767.7 mm. — 751.0 mm
„ 71-yr. average for month 761.982 mm.
Thermometer, range for month 23.1°C — 7.2°C
„ 71-yr. average for month 14.29°C
Rain total for month 201.48 mm.
„ 71-yrs average for month 157.75 mm.
„ Total, Sept. 1st. to end of month 1013.19 mm.
„ 71-yrs. average. Sept. 1st. to end of month 722.30 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	17.2	17.2	15.6	16.7	93	93	87	91	1.2	496.0	6.61
2	17.0	17.9	16.5	17.1	82	94	95	90	0.1	444.0	6.92
3	16.3	13.1	11.6	13.7	95	71	65	77	0.8	966.0	33.28
4	14.4	15.0	14.9	14.8	86	86	91	88	0.5	933.0	45.99
5	14.2	14.8	14.9	14.6	73	75	85	78	4.1	657.0	12.95
6	13.4	13.9	16.8	14.7	83	66	88	79	8.8	251.0	
7	12.1	14.6	8.3	11.7	67	65	47	59	9.7	264.0	
8	16.1	17.4	14.4	16.0	93	75	88	85	3.8	330.0	7.87
9	10.9	14.5	10.1	11.8	85	86	65	79	2.3	760.0	5.08
10	8.3	14.0	11.0	11.1	52	80	76	69	5.8	523.0	
11	12.3	8.3	10.1	10.2	89	62	83	78	0.9	1014.0	27.43
12	6.0	6.2	6.0	6.1	48	47	51	49	4.9	882.0	0.76
13	7.9	9.2	8.3	8.5	61	53	60	58	7.8	286.0	
14	10.1	11.1	11.0	10.7	65	63	74	67	8.2	264.0	
15	10.1	11.1	11.5	10.9	68	63	70	67	8.8	311.0	
16	10.1	12.1	12.9	11.7	66	66	79	70	3.4	499.0	
17	10.1	13.8	12.5	12.1	62	68	77	69	9.5	459.0	
18	11.0	13.4	12.1	12.2	69	62	66	66	9.6	219.0	
19	9.6	11.2	11.5	10.8	54	59	71	61	4.1	232.0	
20	12.0	7.9	13.5	11.1	70	41	80	64	3.2	354.0	
21	11.9	11.6	12.5	12.0	74	60	75	70	7.8	322.0	
22	10.9	11.8	11.4	11.4	90	93	79	87	0.0	225.0	23.36
23	12.3	12.5	12.8	12.5	87	71	93	84	0.9	177.0	5.59
24	12.7	12.5	10.9	12.0	99	70	79	83	4.8	158.0	10.66
25	11.0	12.1	11.0	11.4	71	68	72	70	4.2	156.0	
26	12.4	11.8	10.5	11.6	84	57	69	70	5.0	229.0	4.06
27	10.1	12.5	12.4	11.7	64	76	81	74	0.8	185.0	
28	12.9	11.6	13.4	12.6	81	64	83	76	2.4	187.0	0.51
29	11.1	15.1	11.5	12.6	62	82	71	72	2.1	357.0	10.41
30											
31											
	11.87	12.69	12.06	12.21	74.8	69.5	75.1	73.4	4.32	418.62	6.94

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10ni	10ni	10ni	10.0	2sw	2sw	2sw	light	
2	10ni	10ni	10cu	10.0	1sw	2nw	1sw	,,	
3	10cu-ni	9cu	9cu	9.3	3sw	4sw	5sw	mod.	
4	10ni	10cu	10ni	10.0	5sw	5sw	3sw	rough	T., a.m.
5	9cu	6cu	2cu	5.7	3sw	3sw	2nw	mod.	
6	0	2ci	0	0.7	1ne	1nw	1nw	light	
7	0	0	0	0.0	1sw	1nw	1e	,,	
8	3cu	10cu	10ni	7.7	1se	2sw	1sw	,,	
9	10ni	6cu	8cu	8.0	5sw	3w	4sw	mod.	
10	0	7cu	6cu	4.3	2sw	3sw	2sw	light	
11	9ni	10ni	10cu	9.7	4sw	4nw	6sw	rough	
12	6cu	6cu	7cu	6.3	4nw	3nw	1nw	light	
13	1ci	3ci	8cu	4.0	1se	1 w	1nw	,,	
14	3cu	3cu	8cu	4.7	1s	2nw	1nw	,,	
15	5cu	2cu	2cu	3.0	1se	1nw	3n	,,	
16	6st	8cu-ci	0	4.7	1nw	2sw	3ne	light	
17	0	0	0	0.0	1sw	2w	1sw	,,	
18	0	0	0	0.0	1se	1n	1sw	,,	
19	9cu	8cu	10cu	9.0	1sw	1w	1sw	,,	
20	9cu-st	9cu-st	0	6.0	1sw	2ne	3ne	,,	
21	7ci	1cu	0	2.7	1e	1ne	2ne	light	
22	10ni	10ni	7cu	9.0	1se	1se	1n	,,	T., p.m.
23	10ni	9cu	10ni	9.7	1sw	1sw	1sw	,,	
24	9cu	7cu	0	5.3	1s	1sw	1w	,,	
25	9cu-st	7cu	6cu	7.3	1sw	1sw	1sw	,,	
26	9cu-ni	5cu	0	4.7	1sw	2sw	1sw	light	
27	6cu-st	10cu-st	10st	8.7	1s	1w	1s	,,	
28	9cu-st	8cu	3cu	8.7	1sw	1nw	1n	,,	
29	9cu-ci	9cu	9cu	6.0	2sw	2sw	2w	,,	
30									
31									
	Mean			6.04					

Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	1	1	5	3	17	0	2	0	29
14:30	1	2	0	1	0	12	5	8	0	29
20:30	3	3	1	0	1	14	2	5	0	29
Total	4	6	2	6	4	43	7	15	0	87

Number of day with rain 15, fog 0, thunderstorms 2, gale 0.
71 yr. av. number of days with rain during mouth 13.9